

Notice of Allowability

Application No.

09/883,733

Examiner

Samson B. Lemma

Applicant(s)

ANDREEV ET AL.

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment on 09/12/2005 and telephone interview on 10/04/2005.
2. ☒ The allowed claim(s) is/are 1-3,5-18 and 20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with **Mr. Christopher P. Maiorana**, (Registration No 42,829) on 09/28/2005 and 10/04/2005. All independent claims 1, 11 and 20 are amended in such a way that the limitation of the claims overcome a 112 and 101 rejection. The term "an approximately" has been agreed to be cancelled from the independent claims 1 and 20 to avoid a 112 rejection. Claim 20 has also been agreed to be amended to avoid a 101 rejection. Applicant and Examiner discussed the claims and they both agreed to amend all the independent claims as indicated below.

The application has been amended as follows :

In the claims:

1. (Currently amended) A method of transforming between an input signal and an output signal of a circuit, the method comprising the steps of:

(A) copying a plurality of symbols from a source file to a plurality of tables of said circuit;

(B) allocating said input signal among a plurality of block input signals;

(C) generating a plurality of to (i) one of said block output signals each input signals and (ii) said responsive symbols in one of said tables; and

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(D) concatenating said block output signals to form said output signal of said circuit, wherein each of said symbols in said source file has equal ~~an approximately~~ probability of appearance.

11. (CURRENTLY AMENDED) An information recording medium for use in a computer to define a transformation between an input signal and an output signal, the information recording medium recording a computer program that is readable and executable by the computer, the computer program ~~comprising the steps of:~~ encoded on information readable medium that when executed on a computer implements the following steps:

(A) copying a plurality of symbols from a source file to a plurality of tables;

(B) allocating said input signal among a plurality of block input signals;

(C) generating a plurality of block output signals each responsive to one of said block input signals and said symbols in one of said tables;

D) concatenating said block output signals to form said output signal; and

(E) generating said input signal by counting a clock signal.

20. (CURRENTLY AMENDED) A circuit comprising:

means for copying a plurality of symbols from a source file to a plurality of tables;

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means for allocating an input signal among a plurality of block input signals;

means for generating a plurality of block output signals each responsive to (i) one of said block input signals and (ii) said symbols in one of said tables; and

means for concatenating said block output signals to form an output signal, wherein each of said symbols in said source file has an ~~approximately~~ equal probability of appearance.

Allowable Subject Matter

1. **Claims 4 and 19** have been cancelled.
2. **Independent Claims 1, 11 and 20** have been amended.
3. **Claims 1-3 and 5-18 and 20** are allowed.
5. The following is an examiner's statement of reasons for allowance:
6. With respect to **the independent claims 1,11 and 20** the art on the record, namely the combination of **Terry F. Ritter and Luyster** discloses all the limitation of the recited claims before the claims were amended. Furthermore **Terry F. Ritter and Luyster** disclose/s a method of transforming between an input signal and an output signal of a circuit with all the limitation recited in the respective claims before the claims were amended.

However, the art on the record does not disclose or suggest the limitation of the respective independent claims 1,11 and 20 that have the following functional limitation.

For instance claims 1 and 20, recites the following functional limitation

(D) concatenating said block output signals to form said output signal of said circuit, **wherein each of said symbols in said source file has equal probability of appearance.**

And claim 11, also recites the following functional limitation
generating said input signal by counting a clock signal.

None of the prior art of record taken singularly or in combination teaches or suggests all the limitation of the respective independent claims with the specific steps/functional limitation that had been recited above for transforming between an input signal and an output signal of a circuit.

7. The dependent claims, being further limiting to the independent claims, definite and enabled by the specification are also allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samson B Lemma whose telephone number is 571-272-3806. The examiner can normally be reached on Monday-Friday (8:00 am---4: 30 pm). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BARRON JR GILBERTO can be reached on. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status

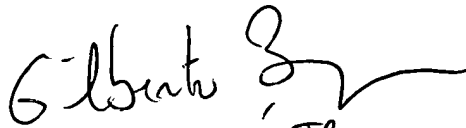
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information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SAMSON LEMMA

S.L.

10/04/2005


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